IFW $

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/646,435
Filing Date	August 21, 2003
First Named Inventor	Howard C. Anderson et al.
Art Unit	2825
Examiner Name	Yelena Rossoshek
Attorney Docket Number	AN21-007

Total Number of Pages in This Submission

ENCLOSURES *(Check all that apply)*

☑ Fee Transmittal Form
  ☑ Fee Attached

☐ Amendment/Reply
  ☐ After Final
  ☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☑ Supplemental Information Disclosure Statement w/Form 1449 and references

☐ Certified Copy of Priority Document(s)

☐ Reply to Missing Parts/ Incomplete Application
  ☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) _____
  ☐ Landscape Table on CD

☐ After Allowance Communication to TC

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☑ Other Enclosure(s) (please identify below):

Return postcard receipt; check for $180.00

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

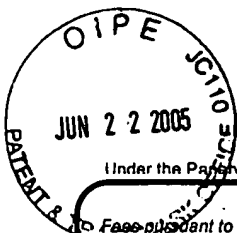|	
Firm Name	Wells St. John P.S. (Customer No. 021567)
Signature	*[signature]*
Printed name	Keith D. Grzelak
Date	6/20/05	Reg. No. 37,144

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	*[signature]*
Typed or printed name	Terry J. Gruber	Date 6/20/05

Effective on 12/08/2004.
No Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2005

[✔] Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	($)	180.00

Complete if Known

Application Number	10/646,435
Filing Date	August 21, 2003
First Named Inventor	Howard C. Anderson et al.
Examiner Name	Yelena Rossoshek
Art Unit	2825
Attorney Docket No.	AN21-007

METHOD OF PAYMENT (check all that apply)

[✔] Check [ ] Credit Card [ ] Money Order [ ] None [ ] Other (please identify): _____

[✔] Deposit Account   Deposit Account Number: 23-0925   Deposit Account Name: Wells St. John P.S.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

[ ] Charge fee(s) indicated below

[ ] Charge fee(s) indicated below, except for the filing fee

[✔] Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17

[✔] Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES Fee ($)	FILING FEES Small Entity Fee ($)	SEARCH FEES Fee ($)	SEARCH FEES Small Entity Fee ($)	EXAMINATION FEES Fee ($)	EXAMINATION FEES Small Entity Fee ($)	Fees Paid ($)
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee ($)	Small Entity Fee ($)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee ($)	Fee Paid ($)
_____ - 20 or HP =	_____ x	_____ =	_____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee ($)	Fee Paid ($)
_____ - 3 or HP =	_____ x	_____ =	_____

HP = highest number of independent claims paid for, if greater than 3.

Multiple Dependent Claims

Fee ($)	Fee Paid ($)
_____	_____

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee ($)	Fee Paid ($)
_____ - 100 =	_____ / 50 =	_____ (round up to a whole number) x	_____ =	_____

4. OTHER FEE(S)

Non-English Specification, $130 fee (no small entity discount)

Fees Paid ($)

Other (e.g., late filing surcharge): Filing fee for Supplemental IDS _____ 180.00

SUBMITTED BY

Signature	_[signature]_	Registration No. (Attorney/Agent) 37,144	Telephone (509) 624-4276
Name (Print/Type)	Keith D. Grzelak		Date 6/20/05

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Serial No. 10/646,435
Filing Date 08/21/2003
Inventorship ....Howard C. Anderson et al.
Assignee .... Anadigm, Inc.
Group Art Unit 2825
Examiner .... Yelena Rossoshek
Attorney's Docket No. AN21-007
Title: **"Apparatus and Method for Synthesizing and Designing Circuits and Filters"**

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
References - See Attached Form PTO-1449

The attached Form PTO-1449 is submitted in compliance with 37 CFR §§ 1.56, 1.97 and 1.98. Pursuant to FEDERAL REGISTER, Vol. 69, No. 182, pg. 56542 (September 21, 2004), no copies of any cited U.S. patents or U.S. published applications are included herewith. Copies of all other cited art are attached. No admission is made regarding whether the listed references are prior art.

Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application more than three months prior to the filing of this statement. *See* 37 C.F.R. § 1.97(e). Therefore, a fee is believed to be required and is submitted herewith.
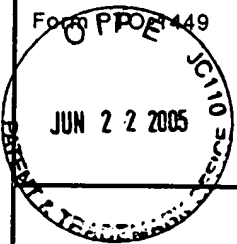
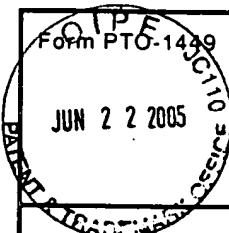Respectfully submitted,

Dated: 6/20/05

By: Keith D. Grzelak, Reg. No. 37,144
Attorney for Applicant

Form PTO-449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. AN21-007	SERIAL NO. 10/646,435
JUN 2 2 2005	LIST OF ART CITED BY APPLICANT	APPLICANT Howard Anderson et al.	
	(Use several sheets if necessary)	FILING DATE August 21, 2003	GROUP 2825

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AR	"Filter Synthesis Tool"; ECN Magazine, Online!; 9/01/2001; XP002294939; Retrieved from Internet 9/06/2004; http://www.reed-electronics.com/ecnmag/article/CA207406
	AS	"Designing Filters Using the Digital Filter Design Toolkit", J. Rahman et al.; Online! 12/1996; pp. 1-6; from http://web.archive.org/web/20020125064136/sss-mag.com/pdf/sdigfltr.pdf 9/6/04
	AT	"A Field Programmable Analog Array and Its Application", Anderson et al.; pp. 555-558; Custom Integrated Circuits IEEE Conf. May 1997; XP010235366

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

JUN 2 2 2005

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. AN21-007	SERIAL NO. 10/646,435
	APPLICANT Howard C. Anderson et al.	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)	FILING DATE August 21, 2003	GROUP 2825

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						
	BL						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	No
	BM							
	BN							
	BO							
	BP							
	BQ							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	BR	"Motorola Field Programmable Analogue Arrays, Present Hardware and Future Trends", Bratt; IEEE Colloquium Evolvable Hardware Systems (Digest No. 1998/233); pp 1/1-5;XP002294990
	BS	"Advanced Continuous-Time Filter Design in MATLAB"; Tosic D V et al.; Proceedings of Miel '2000; vol. 2, 14 May 2000; pp. 747-750, XP010378118; SERBIA pp. 747-749
	BT	"Programmable Monolithic Multi-pole Filter Design w/ FPAAs"; WALTERS; ANALOGZONE; Online! 9/15/2003; retrieved 9/6/2004 from http://www.analogzone.com/avt_0915.pdf

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

S:\AN21\007\ID6.doc 6/19/2005